## **Vermont Quantitative Community Characterization Form**

A. Identifiers (general EOR information) 1. Sci. name:\_ \_\_2. Site name:\_ 3. Survey site name: \_ 4. Quad name(s):\_\_\_ \_\_ 5. Quad code(s):\_ County name(s): \_\_\_\_\_ 7. Town(s) \_ 8. Lat: \_\_\_\_\_\*\_N Long: <u>0</u> \_\_\_\_\*\_W 9. GIS Reference 10.Directions:\_\_ 11. Survey date: \_\_\_ 12. Surveyors: \_ **B. Environmental Description** 13. Plot # \_\_\_ \_ 14. Plot ID\_ 15. Photo record? Y or N Photo #: \_ 16. Elevation (specify units): 17. Topographic position: 18. Topographic sketch of plot relative to surroundings: 19. Slope degrees: Interfluve Backslope 20. Slope aspect: Step in slope High slope \_ High level Lowslope \_\_\_ Toeslope Midslope Channel wall Low level 21. Parent material: Channel bed Basin floor \_\_ Other: 22. Soil profile description: note depth, texture, color, and 30. Soil moisture regime: 31. Stoniness: \_\_ Extremely dry \_\_ Stone free <0.1% Von Post decomposition of each horizon. Note significant Somewhat wet \_\_ Wet \_\_ Moderately stony 0.1-1% changes such as depth to mottling, depth to water table, Very dry root penetration depth. Sketch and label soil horizons, Dry Very wet Stony 3-15% features, and depths in the box below. Somewhat moist Permanently inundated Very stony 15-50% \_\_ Some Periodically inundated Exceedingly stony 50-90% 23. Mineral or organic soil pH:\_ Stone piles >90% 24. Surface water pH: 33. Average texture: 25. Surface water conductivity: 32. Soil drainage: \_\_ Sand Clay loam 26. Mottling in mineral soil: Y or N Rapidly drained Somewhat poorly drained Sandy loam \_\_\_ Clay 27. Depth to mottling (cm): Well drained Poorly drained \_\_ Loam Peat \_\_\_ Very poorly drained 28. Organic horizon depth (cm):\_ Moderately well Silt loam Muck 29. Organic horizon type:\_ drained Other: 0 cm 34. Unvegetated surface (the total of below categories equals the total unvegetated surface area): \_\_\_ % Bedrock \_ % Litter, duff % Large rocks (cobbles, boulders > 10 cm) \_\_ % Wood ( > 1 cm) % Small rocks (gravel, 0.2-10 cm) % Water % Sand (0.1-2 mm) \_\_ % Other: % Bare soil 35. Environmental Comments: Note homogeneity of vegetation, erosion/sedimentation, inundation, etc. 36. Plot representativeness relative to rest of community occurrence:

C. Vegetation	37. System:	Terrestrial	Palustrir	ne	38. Plot Size	e (meters):						
*Note: Indicate domina	ant type for 39-41						42.		Height (m)	/ Percent cover		
39.Leaf type:		40.Leaf phenolo	ogy		41.Physiognomic type:		T1 E T2 T	mergent to	ree: y:	_/	43. Total canopy cover:	%
Broad-leafDeciduousSemi-broad-leafSemi-deciduousSemi-needle-leafSemi-EvergreenNeedle-leafEvergreenGraminoidPerennialAnnualPteridophyte				ForestWoodlandSparse woodlandScrub thicketShrublandSparse shrublandDwarf shrublandDwarf scrub thicketSparse dwarf shrublandHerbaceousNon-vascularSparsely vegetated			T3 Tree sub-canopy: /			44. Tree cores for 2 or more trees (keep notes on cores and growth rates):  Species Age		
45. Species/percent	nt cover: starting 0 cm diameter.	with uppermo	st stratum, l measureme	ist all sp ents with	ecies and percent cover for each in the sacomma. Enclose DBH measurements	stratum. For fo	rests and	d woodla	nds, list on a se	parate line belov	w each tree species the DI	3H in cm
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